

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	("5396443"   "5929834").PN. or ("20030189211"   "3646372"   "3725808"   "4001613"   "4002923"   "4125783"   "4159473"   "4208695"   "4233522"   "4352141"   "4410843"   "4743895"   "4796013"   "4910504"   "5081406"   "5394292").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:40
S2	4418	display\$4 and (automatic with activation)	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:53
S3	191	display\$4 and (automatic with activation) and ((presence or proximity) near3 user\$1)	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:53
S4	87	display\$4 and (automatic with activation) and ((presence or proximity) near3 user\$1) and capacit\$5	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:53
S5	27646	((detect\$4 or sens\$4) with time\$1 with charg\$5)	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:56
S6	996	((detect\$4 or sens\$4) with time\$1 with charg\$5) and (charg\$5 with rates)	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:56
S7	479	((detect\$4 or sens\$4) with time\$1 with charg\$5) and (charg\$5 with rates) and threshold\$4	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:56
S8	408	((detect\$4 or sens\$4) with time\$1 with charg\$5) and (charg\$5 with rates) and threshold\$4 and capacit\$5	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:56
S9	164	((detect\$4 or sens\$4) with time\$1 with charg\$5) and (charg\$5 with rates) and threshold\$4 and capacit\$5 and feedback	US-PGPUB; USPAT	OR	OFF	2009/10/07 12:57
S10	84	((detect\$4 or sens\$4) with time\$1 with charg\$5) and (charg\$5 with rates) and threshold\$4 and capacit\$5 and feedback and (presence or proximity or touch)	US-PGPUB; USPAT	OR	OFF	2009/10/07 13:05
S11	22	("20040252109"   "20060066582"   "20060097991"   "4103252"   "4736191"   "5305017"   "5543590"   "5943052"   "6037929"   "6188391"   "6262717"   "6380931"   "6498720"   "6574095"   "6704005").PN. or ("20070296709"   "4193063"   "4825147"   "6191723"   "6366099"   "6970126").PN. or ("20080179112").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/07 13:34
S12	4	"598156".ap.	US-PGPUB; USPAT	OR	OFF	2009/10/07 13:48

S13	13	("3824459"   "4001676"   "4429271").PN. OR ("4825147").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 13:52
S14	17	("4853719"   "5073757"   "5136251"   "5146412"   "5450014"   "5646539"   "5694051").PN. OR ("6191723").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 13:53
S15	1	"5073757".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 13:55
S16	1	"5136251".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 13:58
S17	1	"5321403".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/07 13:59
S18	8527	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:31
S19	1823	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5) and (threshold adj voltage\$1)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:32
S20	29	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5) and (threshold adj voltage\$1) and (((second or dual) adj slope\$1) or dual\$1slope\$1)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:33
S21	10	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5 with threshold) and (((second or dual) adj slope\$1) or dual\$1slope\$1)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:36
S22	550	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5 with threshold)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:36
S23	433	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5 with threshold) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:37
S24	233	((measur\$4 or detect\$4 or sens\$4) with time with charg\$4 with capacit\$5 with threshold) and @ay<="2004" and (fast or steep or slow\$4)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:37
S25	2143	(capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)).ti.	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:43
S26	758	(capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)).ti. and (slop\$4 or rate\$4)	US-PGPUB; USPAT	OR	OFF	2009/10/07 14:44
S27	22	("20040252109"   "20060066582"   "20060097991"   "20070296709"   "20080179112"   "4103252"   "4193063"   "4736191"   "4825147"   "5305017"   "5543590"   "5943052"   "6037929"   "6188391"   "6191723"   "6262717"   "6366099"   "6380931"   "6498720"   "6574095"   "6704005"   "6970126").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/12 14:22

S28	14	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/01/12 14:35
S29	0	S28 and (front adj electrode)	USPAT	OR	OFF	2010/01/12 14:35
S30	103	"5396443"	USPAT	OR	OFF	2010/01/12 14:37
S31	1	"5396443".pn.	USPAT	OR	OFF	2010/01/12 14:37
S32	429	(display\$4).ab. and ((activat\$4 or power\$5) with (touch\$4 or presence\$1 or proximity)) and (capacit\$6 adj (sens\$4 or detect\$4))	US-PGPUB; USPAT	OR	OFF	2010/03/30 20:31
S33	219	(display\$4).ab. and ((activat\$4 or power\$5) with (touch\$4 or presence\$1 or proximity)) and (capacit\$6 adj (sens\$4 or detect\$4)) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/03/30 20:44
S34	85	(display\$4).ab. and ((activat\$4 or power\$5) with (touch\$4 or presence\$1 or proximity) with display) and (capacit\$6 adj (sens\$4 or detect\$4)) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/03/30 20:47
S35	6806	"345".clas. and (touch adj screen)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:21
S36	77	"345".clas. and (touch adj screen) and diode and (capacit\$5 adj sensor)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:21
S37	190	"345".clas. and (touch adj screen) and diode and (capacit\$5 adj touch\$4)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:27
S38	76	"345".clas. and (touch adj screen) and diode and (capacit\$5 adj touch\$4) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:28
S39	796	"345".clas. and (touch adj screen) and diode\$1 and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:29
S40	196	"345".clas. and (touch adj screen) and diode\$1 and @ay<="2005" and (oled or electroluminescent)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:29
S41	196	"345".clas. and (touch adj screen) and diode\$1 and @ay<="2005" and (oled or amoled or electroluminescent)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:36
S42	312	"345".clas. and (touch adj screen) and @ay<="2005" and (oled or amoled or electroluminescent)	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:36
S43	1	"5929834".pn.	US-PGPUB; USPAT	OR	OFF	2010/04/01 10:41
S44	5	("4723836"   "4789858"   "5430462"   "5623280"   "5852487").PN.	US-PGPUB; USPAT;	OR	OFF	2010/04/01 10:44

			USOCR			
S45	10	("4723836"   "4789858"   "5430462"   "5623280"   "5852487").PN. OR ("5929834").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 10:44
S46	0	(capacit\$6 with (touch adj screen)) and ((front or common) adj eletrode\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 10:53
S47	0	(capacit\$6 and (touch adj screen)) and ((front or common) adj eletrode\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 10:53
S48	93	(capacit\$6 with (touch adj screen)) and ((front or common) adj electrode\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 10:53
S49	3	("20030179323"   "7084848"   "7280167").PN. OR ("7573459").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 10:59
S50	8	"598156"	US-PGPUB; USPAT	OR	OFF	2010/04/01 12:25
S51	1	"5396773".pn.	US-PGPUB; USPAT	OR	OFF	2010/04/01 12:27
S52	1	"5396443".pn.	US-PGPUB; USPAT	OR	OFF	2010/04/01 12:27
S53	107	("3922526"   "4409665"   "4649373"   "5065357").PN. OR ("5396443").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 12:28
S54	22	(capacitive adj sensor) same diode same ground\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 12:34
S55	31	((capacitive adj sensor) same touch\$4) and (diode same ground\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 12:37
S56	113	("3039051"   "3046479"   "3515987"   "3727113"   "3728501"   "3811087"   "3826979").PN. OR ("4016490").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 12:44
S57	1301	Electroluminescent and (touch adj screen)	US-PGPUB; USPAT	OR	OFF	2010/04/01 13:22
S58	43	Electroluminescent and (touch adj screen) and "345".clas. and (capacitive adj touch)	US-PGPUB; USPAT	OR	OFF	2010/04/01 13:23
S59	1487	((touch or proximity) adj sensor) and (electrode\$1 and diode\$1 andground\$2)	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:11
S60	886	((touch or proximity) adj sensor) and (electrode\$1 and diode\$1 andground\$2) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:11

S61	484	((touch or proximity) adj sensor) and (electrode\$1 and diode\$1 and ground\$2) and capacit\$6 and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:12
S62	105	((touch or proximity) adj sensor) and (electrode\$1 and diode\$1 and ground\$2) and capacit\$6 and @ay<="2005" and "345".clas.	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:12
S63	17724	(capacitor\$1 with (display\$1 or pixel\$1) with electrode\$1)	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:16
S64	187	(capacitor\$1 with (display\$1 or pixel\$1) with electrode\$1 with shar\$4)	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:16
S65	110	(capacitor\$1 with (display\$1 or pixel\$1) with electrode\$1 with shar\$4) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:17
S66	8	(capacitor\$1 with (display\$1 or pixel\$1) with electrode\$1 with shar\$4) and @ay<="2005" and touch\$5	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:18
S67	839	(capacit\$6 adj touch adj (screen or panel or display))	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:23
S68	323	(capacit\$6 adj touch adj (screen or panel or display)) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:23
S69	297	(capacit\$6 adj touch adj (screen or panel or display)) and @ay<="2005" and display\$4	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:23
S70	24	(capacit\$6 adj touch adj (screen or panel or display)) and @ay<="2005" and display\$4 and oled	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:32
S71	114	(capacit\$6 adj touch adj (screen or panel or display)) and @ay<="2005" and display\$4 and ground\$4	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:34
S72	294	(capacit\$6 near3 pressure near3 sensor\$1) and @ay<="2005" and display\$4 and ground\$4	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:38
S73	73	(capacit\$6 near3 pressure near3 sensor\$1) and @ay<="2005" and display\$4 and ground\$4 and (measure\$1 near2 capacitance)	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:38
S74	11	(capacit\$6 near3 pressure near3 sensor\$1) and @ay<="2005" and display\$4 and ground\$4 and (measure\$1 near2 capacitance) and diode\$1	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:44
S75	213	(capacit\$6 adj sens\$4) and (measur\$4 near3 time near3 charg\$4)	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:47
S76	85	(capacit\$6 adj sens\$4) and (measur\$4 near3 time near3 charg\$4) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:48
S77	56	(capacit\$6 adj sens\$4) and (measur\$4 near3 time near3 charg\$4) and @ay<="2004" and diode\$1	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:48
S78	2	("2006/0007249").URPN.	USPAT	OR	OFF	2010/04/01 14:54

S79	712	(capacit\$6 adj sens\$4) and (measur\$4 near3 capacitance) and @ay<="2004" and diode\$1	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:56
S80	123	(capacit\$6 adj sens\$4) and (measur\$4 near3 capacitance) and (ground\$4 near3 electrode\$1) and @ay<="2004" and diode\$1	US-PGPUB; USPAT	OR	OFF	2010/04/01 14:56
S81	67	(measur\$4 near3 capacitance) same distance same touch\$4	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:07
S82	9	("20040119701"   "20080006453"   "4745241"   "5565658"   "5757363"   "5869790"   "6819316"   "6825890"   "7030860").PN.	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:07
S83	101	(steve near2 hotelling).in.	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:08
S84	482	"9653"	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:08
S85	1	"5349303".pn.	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:16
S86	68	("4237421"   "4371746"   "4476463"   "4845682"   "5053757"   "5305017").PN. OR ("5565658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 15:18
S87	11	("20040022010"   "4743895"   "5305017"   "5565658"   "5801340"   "5867111"   "6184872"   "6222528"   "6262717"   "6680731"   "7218314").PN. OR ("7643013").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 15:21
S88	1	"4550221".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 15:22
S89	192	("3256386"   "3263126"   "3292489"   "3382588"   "3482241"   "3492440"   "3497966"   "3516176"   "3519105"   "3522664"   "3591749"   "3696409"   "3732389"   "3921166"   "3974332"   "4056699"   "4264903"   "4281323"   "4290061"   "4310839"   "4334219"   "4455452"   "Re23030").PN. OR ("4550221").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/01 15:25
S90	191	(capacit\$6 adj sensor) same (ground\$4 near2 electrode\$1)	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:29
S91	135	((capacit\$6 adj sensor) same (ground\$4 near2 electrode\$1)) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/04/01 15:29
S92	59	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US-20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US-20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US-20100066692-\$ or US-20050094038-\$	US-PGPUB; USPAT	OR	OFF	2010/04/05 10:58

		or US-20030067451-\$ or US-20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US-20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US-20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US-20050005703-\$ or US-20020122131-\$ or US-20060007249-\$ or US-20040108861-\$).did. or (US-20020093481-\$ or US-20050088185-\$ or US-20050077911-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$).did.				
S93	29	S92 and diode\$1	US-PGPUB; USPAT	OR	OFF	2010/04/05 11:06
S94	24	((CHRISTOPHER) near2 (FRYER)).INV.	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:41
S95	8	((DUNCAN) near2 (JOHNSTON)).INV.	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:41
S96	31	S94 or S95	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:41
S97	4036	345/76-81.ccls.	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:45
S98	10528	345/76-81,104,173.ccls.	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:46
S99	2497	345/76-81,104,173.ccls. and diode\$1 and electrode\$2	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:47
S100	12	345/76-81,104,173.ccls. and diode\$1 and electrode\$2 and touch\$4 and (sharp\$4 near2 electrode\$1)	US-PGPUB; USPAT	OR	OFF	2010/04/05 13:47
S101	1	"5929834".pn.	US-PGPUB; USPAT	OR	OFF	2010/05/12 10:59
S102	1	"5565658".pn.	US-PGPUB; USPAT	OR	OFF	2010/05/12 11:00
S103	1	"20030001223"	US-PGPUB; USPAT	OR	OFF	2010/05/12 11:01

S104	10435	(capacit\$5 with touch)	US-PGPUB; USPAT	OR	OFF	2010/08/07 15:52
S105	2286	(capacit\$5 with touch with display\$4)	US-PGPUB; USPAT	OR	OFF	2010/08/07 15:53
S106	14	(capacit\$5 with touch with display\$4) and (shar\$4 near2 electro\$4)	US-PGPUB; USPAT	OR	OFF	2010/08/07 15:53
S107	2047	(capacit\$5 with sens\$4 with protect\$4)	US-PGPUB; USPAT	OR	OFF	2010/08/07 16:00
S108	250	(capacit\$5 with sens\$4 with protect\$4 with diode\$3)	US-PGPUB; USPAT	OR	OFF	2010/08/07 16:01
S109	160	(capacit\$5 with sens\$4 with protect\$4 with diode\$3) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/07 16:01
S110	219	(capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) with protect\$5 with voltag\$4	US-PGPUB; USPAT	OR	OFF	2010/08/09 12:40
S111	32	((capacit\$5 adj (sens\$4 or detect\$4 or measur\$4)) with protect\$5 with voltag\$4) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/09 12:40
S112	27	("5366908"   "5757278"   "5862248"   "5956415"   "5963679"   "5973623"   "5991467"   "6002786"   "6011859"   "6060756"   "6114862"   "6248655"   "6438257"   "6440814"   "6518083"   "6555888"   "6628812").PN. OR ("6714666").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 13:08
S113	24	("4353056"   "5325442"   "5778089"   "5828773"   "5982608"   "6049620").PN. OR ("6438257").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 13:30
S114	2026	((capacit\$5 adj (sens\$4 or detect\$4 or measur\$4))) same ((sens\$4 or detect\$4 or measur\$4) near2 presence)	US-PGPUB; USPAT	OR	OFF	2010/08/09 13:59
S115	1167	((capacit\$5 adj (sens\$4 or detect\$4 or measur\$4))) with ((sens\$4 or detect\$4 or measur\$4) near2 presence)	US-PGPUB; USPAT	OR	OFF	2010/08/09 13:59
S116	160	((capacit\$5 adj (sens\$4 or detect\$4 or measur\$4))) same ((sens\$4 or detect\$4 or measur\$4) near2 presence near2 user)	US-PGPUB; USPAT	OR	OFF	2010/08/09 13:59
S117	64	((capacit\$5 adj (sens\$4 or detect\$4 or measur\$4))) same ((sens\$4 or detect\$4 or measur\$4) near2 presence near2 user) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/09 13:59
S118	1	"5900875".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:21
S119	0	"10511291"	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:25
S120	0	"511291".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:25



S121	5	"511291".ap.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:25
S122	3	("20010024946"   "20030048262"   "6952597").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:26
S123	0	(10/511291).APP.	USPAT; USOCR	OR	OFF	2010/08/09 14:27
S124	0	("2005/0179668").URPN.	USPAT	OR	OFF	2010/08/09 14:27
S125	1733	DISPLAY and (shar\$4 near3 electro\$d\$3)	USPAT	OR	OFF	2010/08/09 14:29
S126	1102	DISPLAY and (shar\$4 near3 electro\$d\$3) and (touch\$4 or sens\$4 or proximity\$4 or presence)	USPAT	OR	OFF	2010/08/09 14:29
S127	192	DISPLAY and (shar\$4 near3 electro\$d\$3) and (touch\$4 or sens\$4 or proximity\$4 or presence) and "345".clas.	USPAT	OR	OFF	2010/08/09 14:29
S128	190	DISPLAY and (shar\$4 near3 electro\$d\$3) and (touch\$4 or sens\$4 or proximity\$4 or presence) and "345".clas. and @ay<="2006"	USPAT	OR	OFF	2010/08/09 14:29
S129	17	DISPLAY and ((shar\$4 near3 electro\$d\$3) same (touch\$4 or sens\$4 or proximity\$4 or presence)) and "345".clas. and @ay<="2006"	USPAT	OR	OFF	2010/08/09 14:30
S130	31	DISPLAY and ((shar\$4 near3 electro\$d\$3) same (touch\$4 or sens\$4 or proximity\$4 or presence)) and "345".clas. and @ay<="2006"	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:30
S131	0	"538278".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:36
S132	5	"538278".ap.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:36
S133	4	("20020167472"   "20020181648"   "5777596"   "6466191").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/09 14:36
S134	21	("4224615"   "4363029"   "4529968"   "4736191"   "5043710"   "5194862"   "5267066"   "5451724"   "5457289"   "5459463"   "5495077"   "5500937"   "5510813"   "5528266").PN. OR ("5777596").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 15:23
S135	12	("20030551927"   "20050122284"   "20050162410"   "20050162411"   "20050280635"   "5606346"   "5777596"   "5894304"   "6788282"   "6822640"   "6842170"   "6940484"   "7545343").PN. OR ("7755615").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 15:57
S136	52	("3207905"   "3322485"   "3757322"   "3971013"   "4017848"   "4078257"   "4112429"   "4121204"   "4186392").PN. OR ("4290061").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 16:11
S137	31	(activat\$4 near2 display\$4) with (touch\$4 near2 (case or casing or hous\$4))	US-PGPUB; USPAT;	OR	OFF	2010/08/09 16:34

			USOCR			
S138	0	((turn\$4 near2 on) near2 display\$4) with (touch\$4 near2 (case or casing or hous\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 16:36
S139	4	(activat\$4 near2 display\$4) with (touch\$4 near2 (hous\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 16:37
S140	25	((CHRI STOPHER) near2 (FRYER)).INV.	US-PGPUB; USPAT	OR	OFF	2010/08/09 16:37
S141	8	((DUNCAN) near2 (JOHNSTON)).INV.	US-PGPUB; USPAT	OR	OFF	2010/08/09 16:37
S142	32	S140 or S141	US-PGPUB; USPAT	OR	OFF	2010/08/09 16:37
S143	31	(turn\$1 near3 display\$4) with (pick\$1 near2 up)	US-PGPUB; USPAT	OR	OFF	2010/08/09 16:58
S144	579	(presence\$2 or proximity\$4) near3 activat\$4 near2 devic\$4	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:00
S145	410	((presence\$2 or proximity\$4) near3 activat\$4 near2 devic\$4) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:01
S146	159	((presence\$2 or proximity\$4) near3 activat\$4 near2 devic\$4) and @ay<="2005" and capacit\$5	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:01
S147	21	((((presence\$2 or proximity\$4) near3 activat\$4 near2 devic\$4) with user\$1) and @ay<="2005" and capacit\$5	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:01
S148	5	((((presence\$2 or proximity\$4) near3 activat\$4 near2 display\$4) with user\$1) and @ay<="2005" and capacit\$5	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:02
S149	3949	either with touch\$4 with display\$4	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:03
S150	516	(either with touch\$4 with display\$4) and 345/76-81,104,173.ccls.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:04
S151	252	(either with touch\$4 with display\$4) and 345/76-81,104,173.ccls. and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:04
S152	0	(either with touch\$4 with display\$4) and 345/76-81,104,173.ccls. and @ay<="2005" and cpacit\$5	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:04
S153	116	(either with touch\$4 with display\$4) and 345/76-81,104,173.ccls. and @ay<="2005" and capacit\$5	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:04
S154	3688	display\$4 and touch\$4 and capacit\$4 and (time\$1 near2 charg\$4)	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:07
S155	2621	display\$4 and touch\$4 and capacit\$4 and (time\$1 near2 charg\$4) and (diod\$4 or protect\$4)	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:08

S156	356	display\$4 and touch\$4 and capacit\$4 and (time\$1 near2 charg\$4) and (diod\$4 or protect\$4) and "345".clas.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:08
S157	174	display\$4 and touch\$4 and capacit\$4 and (time\$1 near2 charg\$4) and (diod\$4 or protect\$4) and "345".clas. and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:08
S158	18	display\$4 and touch\$4 and capacit\$4 and ((time\$1 near2 charg\$4) near4 (measur\$4 or detect\$4 or sens\$4)) and (diod\$4 or protect\$4) and "345".clas. and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:08
S159	116	display\$4 and touch\$4 and capacit\$4 and ((time\$1 near2 charg\$4) near4 (measur\$4 or detect\$4 or sens\$4)) and (diod\$4 or protect\$4) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:12
S160	98	display\$4 and touch\$4 and capacit\$4 and ((time\$1 near2 charg\$4) near4 (measur\$4 or detect\$4 or sens\$4)) and (diod\$4 or protect\$4) and @ay<="2004" not S158	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:13
S161	4	"5465091".pn. or "20030080755" or "20060052357" or "20040019810"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:44
S162	9	"283098".ap.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:46
S163	16	("2003/0080755").URPN.	USPAT	OR	OFF	2010/08/09 17:47
S164	16	("2782308"   "2873637"   "4233522"   "4550310").PN. OR ("5465091").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:54
S165	1	"20040052357"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:58
S166	1	"20030052357"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:58
S167	1	"20020052357"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:58
S168	2	"20050052357"	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:58
S169	3	"20030189211" or "4743895".pn. or "4910504".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 18:15
S170	0	"42900061".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 19:01
S171	1	"4290061".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 19:01
S172	1	"20050179668"	US-PGPUB; USPAT	OR	OFF	2010/08/09 19:02

S173	1	"5465091".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 19:02
S174	1	"6714666".pn.	US-PGPUB; USPAT	OR	OFF	2010/08/09 19:05
S175	1	"20060052357"	US-PGPUB; USPAT	OR	OFF	2010/08/10 11:16
S176	5	"598156".ap.	US-PGPUB; USPAT	OR	OFF	2010/08/10 11:21
S177	2278	(capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) and ((common or front) adj electrod\$4)	US-PGPUB; USPAT	OR	OFF	2011/04/07 18:35
S178	1209	(capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) and ((common or front) adj electrod\$4) and display\$4	US-PGPUB; USPAT	OR	OFF	2011/04/07 18:36
S179	241	((capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) same ((common or front) adj electrod\$4)) and display\$4	US-PGPUB; USPAT	OR	OFF	2011/04/07 18:36
S180	115	((capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) same ((common or front) adj electrod\$4)) and display\$4 and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/04/07 18:36
S181	67	("3585381"   "3756693"   "3972040"   "4218302"   "4789858"   "5174882"   "5194852"   "5627561"   "5930026"   "5961804"   "6017584"   "6045955"   "6051957"   "6067185"   "6118426"   "6120588"   "6120839"   "6262706"   "6262833"   "6300932"   "6392786"   "6445489"   "6504524"   "6512354"   "6515649"   "6518949"   "6531997"   "6538801"   "6671081"   "6738050").PN. OR ("6995550").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 18:44
S182	6633	(sens\$4 adj2 user) same display\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 18:49
S183	874	((sens\$4 adj2 user) same display\$4) and (capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 18:50
S184	102	((sens\$4 adj2 user) same display\$4 same activat\$5) and (capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 18:50
S185	42	((sens\$4 adj2 user) same display\$4 same activat\$5) and (capacit\$5 near2 (sens\$4 or detect\$4 or measur\$4)) and @ay<="2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/07 18:50
S186	64	((sens\$4 adj2 (user or presence or proximity)) same display\$4 same activat\$5) and (capacit\$5 near2 (sens\$4)) and @ay<="2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 10:22
S187	114	((sens\$4 adj2 (user or presence or proximity)) same (display\$4 near2 activat\$5)) and @ay<="2005"	US-PGPUB; USPAT;	OR	OFF	2011/04/08 10:26

			USOCR			
S188	2	2004/0238726	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 10:32
S189	2	"20040238726"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 10:32
S190	88	(time with charge with ((front or common) adj electrode\$1)) and display\$4 and @ay<="2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 10:38
S191	1	"5396443".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 10:54
S192	112	("3922526"   "4409665"   "4649373"   "5065357").PN. OR ("5396443").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 11:00
S193	28	("4978946"   "5305197"   "5377269"   "5396443"   "5408668"   "5504675"   "5548660"   "5615277"   "5666541"   "5669004"   "5675810"   "6002427"   "6111517").PN. OR ("6330676").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 11:05
S194	15	("5266750"   "5324895"   "5384721"   "5396443"   "5416726"   "5423045").PN. OR ("5568409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 11:12
S195	19	("4370733"   "4787040"   "4972496"   "5329625"   "5396443"   "5423045"   "5524249"   "5548765"   "5553296"   "5568409"   "5777604"   "5790875").PN. OR ("6058485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 11:14
S196	112	("3922526"   "4409665"   "4649373"   "5065357").PN. OR ("5396443").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 11:26
S197	7	(chong near2 neoh).in.	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:38
S198	639	(display with (off or deactivat\$4) with apply\$4 with electrode\$1)	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:39
S199	140	(display with (off or deactivat\$4) with apply\$4 with electrode\$1) and (proximity or presence or touch)	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:39
S200	0	(electrode near2 (case or housing)) same capacit45	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:47
S201	53707	(electrode near2 (case or housing))	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:48
S202	31623	(electrode near2 (case\$1 or casing or housing)) and capacit\$5	US-PGPUB; USPAT	OR	OFF	2011/04/08 11:48
S203	6612	(electrode near2 (case\$1 or casing or	US-	OR	OFF	2011/04/08

		housing)) same capacit\$5	PGPUB; USPAT			11:48
S204	3624	(electrode near2 (case\$1 or casing or housing)) with capacit\$5	US- PGPUB; USPAT	OR	OFF	2011/04/08 11:48
S205	1032	((electrode near2 (case\$1 or casing or housing)) with capacit\$5) and display\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:02
S206	53	(((((electrode near2 (case\$1 or casing or housing)) with capacit\$5) same (proximity or presence or touch\$4)) and display\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:03
S207	56	("3207905"   "3322485"   "3757322"   "3971013"   "4017848"   "4078257"   "4112429"   "4121204"   "4186392").PN. OR ("4290061").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 12:06
S208	7	("20040201772"   "20090127003"   "5594222"   "5856646"   "6466036"   "6897390"   "6960790").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 12:34
S209	121	(shar\$4 near2 electrod\$4) and ((touch\$4 or proximit\$5 or presence\$4) near3 user) and display\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:39
S210	39	(shar\$4 near2 electrod\$4) and ((touch\$4 or proximit\$5 or presence\$4) near3 user) and display\$4 and @ay<="2005"	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:39
S211	992	(shar\$4 near2 ((diplay\$4 or front\$4 or common\$4) adj electrod\$4))	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:44
S212	573	(shar\$4 near2 ((diplay\$4 or front\$4 or common\$4) adj electrod\$4)) and display\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:44
S213	313	(shar\$4 near2 ((diplay\$4 or front\$4 or common\$4) adj electrod\$4)) and display\$4 and @ay<="2005"	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:44
S214	144	(shar\$4 near2 ((diplay\$4 or front\$4 or common\$4) adj electrod\$4)) and display\$4 and @ay<="2005" and (touch\$4 or proximity or presence)	US- PGPUB; USPAT	OR	OFF	2011/04/08 12:57
S215	26	((CHRISTOPHER) near2 (FRYER)).INV.	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:05
S216	8	((DUNCAN) near2 (JOHNSTON)).INV.	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:05
S217	26	((CHRIS\$6) near2 (FRYER)).INV.	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:05
S218	33	S216 or S217	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:05
S219	1	"5396443".pn.	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:14
S220	1	"5929834".pn.	US- PGPUB; USPAT	OR	OFF	2011/04/08 13:14

S221	10	("4723836"   "4789858"   "5430462"   "5623280"   "5852487").PN. OR ("5929834").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 13:15
S222	66	(activat\$4 near2 display\$4) with detect\$4 with user with (proxim\$6 or presence or approach\$4 or touch\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 14:30
S223	8	touch with sensor with light with emitting with shar\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 14:35
S224	7	("2003/0159910").URPN.	USPAT	OR	OFF	2011/04/08 14:38
S225	1790	(capacitance near2 (body or finger))	USPAT	OR	OFF	2011/04/08 14:40
S226	562	(capacitance near2 (body or finger)) and display\$4	USPAT	OR	OFF	2011/04/08 14:52
S227	4261879	(capacitance near2 (body or finger)) and display\$4 adn @ay<="2005"	USPAT	OR	OFF	2011/04/08 14:52
S228	459	(capacitance near2 (body or finger)) and display\$4 and @ay<="2005"	USPAT	OR	OFF	2011/04/08 14:53
S229	248	((sens\$4 or detect\$4 or measur\$4) with (capacitance near2 (body or finger))) and display\$4 and @ay<="2005"	USPAT	OR	OFF	2011/04/08 14:53
S230	403	((sens\$4 or detect\$4 or measur\$4) with (capacitance near2 (body or finger))) and display\$4 and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2011/04/08 14:54
S231	251	((sens\$4 or detect\$4 or measur\$4) with (capacitance near2 (body or finger))) and display\$4 and @ay<="2005" and electro\$4	US-PGPUB; USPAT	OR	OFF	2011/04/08 14:54
S232	127	(user with activat\$4 with (picks adj up))	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:44
S233	476	(user with activat\$4 with (pick\$3 adj up))	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:44
S234	335	(user with activat\$4 with (pick\$3 adj up)) and display\$4	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:44
S235	60	(user with activat\$4 with (pick\$3 adj up)) and (display\$4 or handheld\$4).ab.	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:44
S236	23	(user with activat\$4 with (pick\$3 adj up)) and (display\$4 or handheld\$4).ab. and capacit\$5	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:45
S237	5	("20050159832"   "20060132595"   "5554980"   "5777605"   "6603420").PN.	US-PGPUB; USPAT	OR	OFF	2011/04/08 15:47
S238	39	("20020021258"   "20020021622"   "20030114200"   "20030157969"   "20040165060"   "4429478"   "4931061"   "4988837"   "5218173"   "5357061"   "5381160"   "5396443"   "5486847"   "5579037"   "5696982"   "5889236"   "5949643"   "6017584"   "6057814"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/08 15:50

		"6069593"   "6118426"   "6144358"   "6229502"   "6252564"   "6297945"   "6304763"   "6326613"   "6327482"   "6340957"   "6343006"   "6367934"   "6392786"   "6445574"   "6466202"   "6466292"   "6532447"   "6697083"   "6788292"   "6924791").PN. OR ("7688315").URPN.				
S239	13299	345/76-81,104,173.ccls.	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:54
S240	2843	345/76-81,104,173.ccls. and capacit\$5 and display\$4 and activat\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:55
S241	2148	345/76-81,104,173.ccls. and capacit\$5 and display\$4 and activat\$4 and (proximity or presence or touch\$4)	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:56
S242	885	345/76-81,104,173.ccls. and capacit\$5 and display\$4 and activat\$4 and (proximity or presence or touch\$4) and electrod\$4	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:56
S243	796	345/76-81,104,173.ccls. and capacit\$5 and display\$4 and activat\$4 and (proximity or presence or touch\$4) and electrod\$4 and (case\$4 or hous\$4)	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:56
S244	274	345/76-81,104,173.ccls. and capacit\$5 and display\$4 and activat\$4 and (proximity or presence or touch\$4) and electrod\$4 and (case\$4 or hous\$4) and user\$1 and @ay<="2005"	US- PGPUB; USPAT	OR	OFF	2011/04/08 15:56
S245	5	"598156".ap.	US- PGPUB; USPAT	OR	OFF	2011/04/08 16:43
S246	1	"20060052357"	US- PGPUB; USPAT	OR	OFF	2011/04/08 17:29
S247	108	(US-20030189211-\$ or US- 20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US- 20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US- 20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US- 20100066692-\$ or US-20050094038-\$ or US-20030067451-\$ or US- 20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US- 20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US- 20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US- 20050005703-\$ or US-20020122131-\$ or US-20060007249-\$ or US- 20040108861-\$).did. or (US- 20020093481-\$ or US-20050088185-\$ or US-20050077911-\$ or US- 20090256818-\$ or US-20090167718-\$ or US-20070216657-\$ or US- 20070085838-\$ or US-20050179668-\$ or US-20060012575-\$ or US- 20050162411-\$ or US-20070139301-\$	US- PGPUB; USPAT	OR	OFF	2011/04/08 17:57



		or US-20050017650-\$ or US-20050141048-\$ or US-20030080755-\$ or US-20040019810-\$ or US-20050099672-\$ or US-20040239342-\$ or US-20040238726-\$ or US-20080218183-\$ or US-20030159910-\$ or US-20060161871-\$ or US-20060049834-\$ or US-20100045633-\$ or US-20090160764-\$ or US-20050146513-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$ or US-7215329-\$ or US-4022990-\$ or US-4050018-\$ or US-3598055-\$ or US-7560938-\$ or US-6438257-\$ or US-5510944-\$ or US-5777596-\$ or US-7755615-\$ or US-4529968-\$ or US-5122787-\$ or US-4290061-\$ or US-5465091-\$ or US-6647133-\$ or US-4910504-\$ or US-4743895-\$ or US-6747641-\$ or US-7152172-\$ or US-6330676-\$ or US-5568409-\$ or US-5790875-\$ or US-6058485-\$ or US-5909382-\$).did. or (US-7242323-\$ or US-7547119-\$ or US-7184581-\$ or US-7688315-\$).did.				
S248	51	S247 and diode\$1	US-PGPUB; USPAT	OR	OFF	2011/04/08 17:57
S249	29	S248 and electrode\$4 and display\$4	US-PGPUB; USPAT	OR	OFF	2011/04/08 17:57
S250	1	"5266550".pn.	US-PGPUB; USPAT	OR	OFF	2011/04/08 18:01
S251	183	345/76-81,104,173.ccls. and capacit\$5 and ((third or 3rd) adj electrode\$4)	US-PGPUB; USPAT	OR	OFF	2011/09/30 16:55
S252	56	345/76-81,104,173.ccls. and capacit\$5 and ((third or 3rd) adj electrode\$4) and (touch\$4 or finger\$4)	US-PGPUB; USPAT	OR	OFF	2011/09/30 16:55
S253	1	"4758830".pn.	US-PGPUB; USPAT	OR	OFF	2011/09/30 16:57
S254	39	("4017848"   "4532395"   "4683360"   "4740781"   "4743895"   "4758830"   "4893115"   "5317488").PN. OR ("5680160").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:00
S255	20	S254 and capacit\$6	US-	OR	OFF	2011/09/30

			PGPUB; USPAT; USOCR			17:01
S256	25	("4532395"   "4878107"   "5239152"   "5471023"   "5521345"   "5573107"   "5594222"   "5607048"   "5747756"   "5856646"   "5900599"   "5901834"   "5917165"   "6035180"   "6100478"   "6234651"   "6310611"   "6320282"   "7030513").PN. OR ("7361860").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:21
S257	775	touch near2 activat\$4 near3 display\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:25
S258	51	(touch near2 activat\$4 near3 display\$1) and (el or electroluminescent\$5)	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:25
S259	112	(touch near2 activat\$4 near3 display\$1) and (el or electroluminescent\$5 or oled)	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:26
S260	26	(touch near2 activat\$4 near3 display\$1) and (el or electroluminescent\$5 or oled) and @ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:26
S261	11606407	(touch near3 activat\$4 near3 lamp\$1) and (el or electroluminescent or oled) and@ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:34
S262	1	(touch near3 activat\$4 near3 lamp\$1) and (el or electroluminescent or oled) and @ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:34
S263	2	((touch near3 activat\$4) with lamp\$1) and (el or electroluminescent or oled) and @ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:35
S264	1101	(user near3 touch\$2 near3 case)	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:35
S265	167	((user near3 touch\$2 near3 case) with (detect\$4 or sens\$4))	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:36
S266	56	((user near3 touch\$2 near3 case) with (detect\$4 or sens\$4)) and @ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:36
S267	2376	((detect\$4 or sens\$4) with capacit\$6 with ground\$4 with electrode\$4)	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:38
S268	497	((detect\$4 or sens\$4) with capacit\$6 with ground\$4 with electrode\$4) and (display\$4 or lamp\$1) and @ay<="2005"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:40
S269	20	((detect\$4 or sens\$4) with capacit\$6	US-	OR	OFF	2011/09/30

		with ground\$4 with electrod\$4) and (display\$4 or lamp\$1) and @ay<="2005" and (el or oled or electroluminescent\$4)	PGPUB; USPAT; USOCR			17:40
S270	3	(case near2 device) adj2 acts adj2 electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:54
S271	8	(hous\$4 near2 device) adj2 acts adj2 electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:54
S272	754	(hous\$4 near2 device) near2 electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:55
S273	51	((hous\$4 near2 device) near2 electrode) same capacit\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 17:55
S274	47	((((case or casing) near2 device) near2 electrode) same capacit\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/30 18:02
S275	1	("2007/0279332").URPN.	USPAT	OR	OFF	2011/09/30 18:03
S276	1	"5680160".pn.	USPAT	OR	OFF	2011/09/30 18:04
S277	0	((turn\$1 or power\$1) adj on) with display with touch\$5	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:11
S278	17306	(display or lamp) and (capacit\$6 near3 ground\$4)	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:11
S279	2975	(display or lamp) and (capacit\$6 near3 ground\$4) and touch\$5	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:11
S280	318	(display or lamp) and (capacit\$6 near3 ground\$4) and touch\$5 and (el or oled or electroluminescent\$5)	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:12
S281	125	(display or lamp) and (capacit\$6 near3 ground\$4) and touch\$5 and (el or oled or electroluminescent\$5) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:12
S282	44	(display or lamp) and (capacit\$6 near3 ground\$4) and touch\$5 and (el or oled or electroluminescent\$5) and @ay<="2005" and "345".clas.	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:12
S283	99	((third adj electrode) near2 ground\$4) and capacit\$4 and display\$5	US-PGPUB; USPAT	OR	OFF	2011/09/30 18:15
S284	1	"5777596".pn.	US-PGPUB; USPAT	OR	OFF	2011/10/03 11:20
S285	20603	((third or 3rd) adj electrod\$3)	US-PGPUB; USPAT	OR	OFF	2011/10/03 11:32
S286	1661	((third or 3rd) adj electrod\$3) and	US-	OR	OFF	2011/10/03

		((touch\$4 or finger\$1) and capacit\$5	PGPUB; USPAT			11:35
S287	776	((third or 3rd) adj electro\$3) and (touch\$4 or finger\$1) and (capacit\$5 same (detect\$4 or sens\$4))	US- PGPUB; USPAT	OR	OFF	2011/10/03 11:35
S288	357	((third or 3rd) adj electro\$3) and (touch\$4 or finger\$1) and (capacit\$5 same (detect\$4 or sens\$4)) and @ay<="2004"	US- PGPUB; USPAT	OR	OFF	2011/10/03 11:36
S289	397	((third or 3rd) adj electro\$3) and (touch\$4 or finger\$1) and (capacit\$5 same (detect\$4 or sens\$4)) and @ay<="2005"	US- PGPUB; USPAT	OR	OFF	2011/10/03 11:36
S290	126	((third or 3rd) adj electro\$3) and ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4))) and @ay<="2005"	US- PGPUB; USPAT	OR	OFF	2011/10/03 11:37
S291	62	((third or 3rd) adj electro\$3) and ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4))) and @ay<="2005" and display\$5	US- PGPUB; USPAT	OR	OFF	2011/10/03 11:37
S292	18	("3971013"   "4224615"   "4230967"   "4334219"   "4371870"   "4543564"   "4562433"   "4567480").PN. OR ("4758830").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/10/03 12:09
S293	1	"4758830".pn.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/10/03 12:11
S294	1	"4532395".pn.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/10/03 12:11
S295	28	((CHRISTOPHER) near2 (FRYER)).INV.	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:35
S296	8	((DUNCAN) near2 (JOHNSTON)).INV.	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:35
S297	35	S295 or S296	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:35
S298	28	((CHRISTOPHER or chris) near2 (FRYER)).INV.	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:35
S299	0	"5568409".ap.	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:52
S300	1	"5568409".pn.	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:53
S301	261	(time near2 charg\$4) and ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4))) and @ay<="2005" and display\$5	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:54
S302	79	((time near2 charg\$4) same ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4)))) and	US- PGPUB; USPAT	OR	OFF	2011/10/03 12:54

		@ay<="2005" and display\$5				
S303	79	((time near2 charg\$4) same ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4)))) and @ay<="2005" and display\$5	US-PGPUB; USPAT	OR	OFF	2011/10/03 12:54
S304	79	((time near2 charg\$4) same ((touch\$4 or finger\$1) same (capacit\$5 same (detect\$4 or sens\$4)))) and @ay<="2005" and display\$5	US-PGPUB; USPAT	OR	OFF	2011/10/03 12:54
S305	119	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US-20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US-20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US-20100066692-\$ or US-20050094038-\$ or US-20030067451-\$ or US-20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US-20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US-20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US-20050005703-\$ or US-20020122131-\$ or US-20060007249-\$ or US-20040108861-\$).did. or (US-20020093481-\$ or US-20050088185-\$ or US-20050077911-\$ or US-20090256818-\$ or US-20090167718-\$ or US-20070216657-\$ or US-20070085838-\$ or US-20050179668-\$ or US-20060012575-\$ or US-20050162411-\$ or US-20070139301-\$ or US-20050017650-\$ or US-20050141048-\$ or US-20030080755-\$ or US-20040019810-\$ or US-20050099672-\$ or US-20040239342-\$ or US-20040238726-\$ or US-20080218183-\$ or US-20030159910-\$ or US-20060161871-\$ or US-20060049834-\$ or US-20100045633-\$ or US-20090160764-\$ or US-20050146513-\$ or US-20050110771-\$ or US-20050053264-\$).did. or (US-20040243747-\$ or US-20100035656-\$ or US-20060055416-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$ or US-7215329-\$ or US-4022990-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/10/03 15:00

		4050018-\$ or US-3598055-\$ or US-7560938-\$ or US-6438257-\$ or US-5510944-\$ or US-5777596-\$ or US-7755615-\$ or US-4529968-\$ or US-5122787-\$ or US-4290061-\$ or US-5465091-\$ or US-6647133-\$ or US-4910504-\$ or US-4743895-\$ or US-6747641-\$ or US-7152172-\$ or US-6330676-\$ or US-5568409-\$ or US-5790875-\$ or US-6058485-\$ or US-5909382-\$).did. or (US-7242323-\$ or US-7547119-\$ or US-7184581-\$ or US-7688315-\$ or US-4758830-\$ or US-5680160-\$ or US-4740781-\$ or US-7361860-\$ or US-7671289-\$ or US-4233522-\$).did.				
S306	99	S305 and display\$4	US-PGPUB; USPAT	OR	OFF	2011/10/03 15:00
S307	1	"5396443".pn.	US-PGPUB; USPAT	OR	OFF	2011/10/03 15:13
S308	1	"5929834".pn.	US-PGPUB; USPAT	OR	OFF	2011/10/03 15:15
S309	1	(10/280212).APP.	USPAT; USOCR	OR	OFF	2011/10/03 15:42
S310	15	("20020171610"   "20020186208"   "20020186209"   "20030064540"   "20030150714"   "5795430"   "6424094").PN. OR ("6879319").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/03 15:42
S311	1	(11/341290).APP.	US-PGPUB; USOCR	OR	OFF	2011/10/03 15:50
S312	1	(11/341290).APP.	USPAT; USOCR	OR	OFF	2011/10/03 15:50
S313	3	("20030179323"   "7084848"   "7280167").PN. OR ("7573459").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/03 15:50
S314	5	("3893006"   "4780809").PN. OR ("5510944").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/04 13:41
S315	119	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US-20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US-20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US-20100066692-\$ or US-20050094038-\$ or US-20030067451-\$ or US-20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US-20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US-20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US-20050005703-\$ or US-20020122131-\$	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:52

		or US-20060007249-\$ or US-20040108861-\$).did. or (US-20020093481-\$ or US-20050088185-\$ or US-20050077911-\$ or US-20090256818-\$ or US-20090167718-\$ or US-20070216657-\$ or US-20070085838-\$ or US-20050179668-\$ or US-20060012575-\$ or US-20050162411-\$ or US-20070139301-\$ or US-20050017650-\$ or US-20050141048-\$ or US-20030080755-\$ or US-20040019810-\$ or US-20050099672-\$ or US-20040239342-\$ or US-20040238726-\$ or US-20080218183-\$ or US-20030159910-\$ or US-20060161871-\$ or US-20060049834-\$ or US-20100045633-\$ or US-20090160764-\$ or US-20050146513-\$ or US-20050110771-\$ or US-20050053264-\$).did. or (US-20040243747-\$ or US-20100035656-\$ or US-20060055416-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$ or US-7215329-\$ or US-4022990-\$ or US-4050018-\$ or US-3598055-\$ or US-7560938-\$ or US-6438257-\$ or US-5510944-\$ or US-5777596-\$ or US-7755615-\$ or US-4529968-\$ or US-5122787-\$ or US-4290061-\$ or US-5465091-\$ or US-6647133-\$ or US-4910504-\$ or US-4743895-\$ or US-6747641-\$ or US-7152172-\$ or US-6330676-\$ or US-5568409-\$ or US-5790875-\$ or US-6058485-\$ or US-5909382-\$).did. or (US-7242323-\$ or US-7547119-\$ or US-7184581-\$ or US-7688315-\$ or US-4758830-\$ or US-5680160-\$ or US-4740781-\$ or US-7361860-\$ or US-7671289-\$ or US-4233522-\$).did.				
S316	54	S315 and diode\$1	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:52
S317	13	S316 and (charg\$5 near3 time\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:54
S318	3	S314 and (diode or (charg\$5 near3 time\$1)) not S317	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:55

S319	4	S314 and (diode\$1 or (charg\$5 near3 time\$1)) not S317	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:56
S320	58	S315 and (diode\$1 or (charg\$5 near3 time\$1)) not S317	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:56
S321	46	S315 and (diode\$1 or (charg\$5 near3 time\$1)) not S317 and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/04 13:56
S322	5	S314 not S317 not S321	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:27
S323	60	S315 not S317 not S321	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:27
S324	5	"6922020".pn. "5680160".pn. "7361860".pn. "20050053264"	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:34
S325	61	("20010018809"   "3312851"   "3784414"   "3889357"   "4064288"   "4105807"   "4159559"   "4277974"   "4417174"   "4634934"   "4665342"   "4666576"   "4684353"   "4721883"   "4757235"   "4767965"   "4816717"   "4880661"   "4904901"   "4983497"   "4999936"   "5013967"   "5245516"   "5259778"   "5260161"   "5264714"   "5268827"   "5279641"   "5332946"   "5359261"   "5410217"   "5471773"   "5482614"   "5494699"   "5533289"   "5552668"   "5573807"   "5597183"   "5598058"   "5621274"   "5621991"   "5643685"   "5667417"   "5680160"   "5726953"   "5770920"   "5779346"   "5780965"   "5789860"   "5797482"   "5808412"   "5831375"   "5880705"   "5917278"   "5958610"   "6069442"   "6100478"   "6239453").PN. OR ("6922020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/04 14:40
S326	13853	capacit\$5 and (diode with connect\$4 with electrode\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:43
S327	243	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with electrode\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:44
S328	137	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with electrode\$1) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:44
S329	694	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with capacitor\$1) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:55
S330	200	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with capacitor\$1) and @ay<="2004" and (charg\$4 near2 time\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:55
S331	0	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with capacitor\$1) and @ay<="2004" and ((charg\$4 near2 time\$1) with capacitor%1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:55



S332	114	(capacit\$5 near2 (touch\$6 or sensor\$1)) and (diode with connect\$4 with capacitor\$1) and @ay<="2004" and ((charg\$4 near2 time\$1) with capacitor\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 14:55
S333	122	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US-20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US-20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US-20100066692-\$ or US-20050094038-\$ or US-20030067451-\$ or US-20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US-20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US-20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US-20050005703-\$ or US-20020122131-\$ or US-20060007249-\$ or US-20040108861-\$).did. or (US-20020093481-\$ or US-20050088185-\$ or US-20050077911-\$ or US-20090256818-\$ or US-20090167718-\$ or US-20070216657-\$ or US-20070085838-\$ or US-20050179668-\$ or US-20060012575-\$ or US-20050162411-\$ or US-20070139301-\$ or US-20050017650-\$ or US-20050141048-\$ or US-20030080755-\$ or US-20040019810-\$ or US-20050099672-\$ or US-20040239342-\$ or US-20040238726-\$ or US-20080218183-\$ or US-20030159910-\$ or US-20060161871-\$ or US-20060049834-\$ or US-20100045633-\$ or US-20090160764-\$ or US-20050146513-\$ or US-20050110771-\$ or US-20050053264-\$).did. or (US-20040243747-\$ or US-20100035656-\$ or US-20060055416-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$ or US-7215329-\$ or US-4022990-\$ or US-4050018-\$ or US-3598055-\$ or US-7560938-\$ or US-6438257-\$ or US-5510944-\$ or US-5777596-\$ or US-7755615-\$ or US-4529968-\$ or US-5122787-\$ or US-4290061-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:03

		5465091-\$ or US-6647133-\$ or US-4910504-\$ or US-4743895-\$ or US-6747641-\$ or US-7152172-\$ or US-6330676-\$ or US-5568409-\$ or US-5790875-\$ or US-6058485-\$ or US-5909382-\$.did. or (US-7242323-\$ or US-7547119-\$ or US-7184581-\$ or US-7688315-\$ or US-4758830-\$ or US-5680160-\$ or US-4740781-\$ or US-7361860-\$ or US-7671289-\$ or US-4233522-\$ or US-6922020-\$ or US-5455574-\$ or US-7479791-\$.did.				
S334	29	S333 and (charg\$5 near2 time\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:04
S335	57	S333 and (diode\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:16
S336	25	S333 and ((diode\$1 same capacitor\$1))	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:16
S337	22	S333 and ((diode\$1 same capacitor\$1)) and @ay<="2005"	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:16
S338	248354	(diode with capacitor with (prevent\$4 or protect\$5)) (sensor\$1 or display).ti.	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:45
S339	479	(diode with capacitor with (prevent\$4 or protect\$5)) and (sensor\$1 or display).ti.	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:45
S340	113	(diode with capacitor with (prevent\$4 or protect\$5)) and (sensor\$1 or display).ti. and electrode\$1 and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/04 15:46
S341	91	(capacitive adj2 sensor) and (diode near2 (prevent\$4 or protect\$4))	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:04
S342	54	(capacitive adj2 sensor) and (diode near2 (prevent\$4 or protect\$4)) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:04
S343	459	@ay<="2004" and (diode).ti. and ((prevent\$4 or prectect\$4) near2 diode\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:11
S344	0	@ay<="2004" and (diode).ti. and (((prevent\$4 or pretect\$4) near2 diode\$1) with electronic with circuits)	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:11
S345	415	@ay<="2003" and (diode).ti. and ((prevent\$4 or prectect\$4) near2 diode\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:11
S346	0	@ay<="2003" and (diode).ti. and ((prevent\$4 or prectect\$4) near2 diode\$1) and (capacitive adj2 (sensor\$4 or detect\$4))	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:12
S347	109	@ay<="2003" and (diode).ti. and ((prevent\$4 or prectect\$4) near2 diode\$1) and (capacitor\$1)	US-PGPUB; USPAT	OR	OFF	2011/10/04 16:12
S348	3	"4707692".pn. or "4736271".pn. "6690433".pn.	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:19

S349	42818	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4 or sensor\$4))	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:20
S350	5619	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4 or sensor\$4)) same capacitor\$4)	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:24
S351	3309	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4 or sensor\$4)) with capacitor\$4)	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:25
S352	2148	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4 or sensor\$4)) with capacitor\$4) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:25
S353	962	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4)) with capacitor\$4) and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:25
S354	52	((diode) with ((protect\$4 OR PREVENT\$4) adj3 circuit\$4)) with capacitor\$4) and @ay<="2004" and touch\$4	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:26
S355	3949	(diode adj3 connect\$4 adj4 (electrod\$4 or capacitor\$4)) with circuit\$4	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:29
S356	56	((diode adj3 connect\$4 adj4 (electrod\$4 or capacitor\$4)) with circuit\$4) and touch and @ay<="2004"	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:30
S357	9	("3382408"   "3660688"   "3678297"   "3848108").PN. OR ("4054805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/05 14:45
S358	131	(US-20030189211-\$ or US-20090207122-\$ or US-20020175657-\$ or US-20080036473-\$ or US-20060181517-\$ or US-20060082545-\$ or US-20050219228-\$ or US-20050012723-\$ or US-20030011579-\$ or US-20080158184-\$ or US-20100066692-\$ or US-20050094038-\$ or US-20030067451-\$ or US-20030001223-\$ or US-20020171610-\$ or US-20070063876-\$ or US-20060227114-\$ or US-20040150629-\$ or US-20040080267-\$ or US-20020186209-\$ or US-20030234769-\$ or US-20050073324-\$ or US-20050005703-\$ or US-20020122131-\$ or US-20060007249-\$ or US-20040108861-\$).did. or (US-20020093481-\$ or US-20050088185-\$ or US-20050077911-\$ or US-20090256818-\$ or US-20090167718-\$ or US-20070216657-\$ or US-20070085838-\$ or US-20050179668-\$ or US-20060012575-\$ or US-20050162411-\$ or US-20070139301-\$ or US-20050017650-\$ or US-20050141048-\$ or US-20030080755-\$ or US-20040019810-\$ or US-20050099672-\$ or US-20040239342-\$ or US-20040238726-\$ or US-20080218183-\$ or US-20030159910-\$	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:47

		or US-20060161871-\$ or US-20060049834-\$ or US-20100045633-\$ or US-20090160764-\$ or US-20050146513-\$ or US-20050110771-\$ or US-20050053264-\$).did. or (US-20040243747-\$ or US-20100035656-\$ or US-20060055416-\$ or US-20030132715-\$).did. or (US-5396443-\$ or US-5763909-\$ or US-4825147-\$ or US-6037929-\$ or US-6191723-\$ or US-6970126-\$ or US-5073757-\$ or US-6275047-\$ or US-5136251-\$ or US-5146412-\$ or US-7511682-\$ or US-6002387-\$ or US-7218048-\$ or US-5394292-\$ or US-5929834-\$ or US-7573459-\$ or US-7124312-\$ or US-6954867-\$ or US-7291940-\$ or US-4016490-\$ or US-6320282-\$ or US-6191593-\$ or US-5760715-\$ or US-5043710-\$ or US-4852443-\$ or US-5349303-\$).did. or (US-5565658-\$ or US-7643013-\$ or US-4550221-\$ or US-4237421-\$ or US-7215329-\$ or US-4022990-\$ or US-4050018-\$ or US-3598055-\$ or US-7560938-\$ or US-6438257-\$ or US-5510944-\$ or US-5777596-\$ or US-7755615-\$ or US-4529968-\$ or US-5122787-\$ or US-4290061-\$ or US-5465091-\$ or US-6647133-\$ or US-4910504-\$ or US-4743895-\$ or US-6747641-\$ or US-7152172-\$ or US-6330676-\$ or US-5568409-\$ or US-5790875-\$ or US-6058485-\$ or US-5909382-\$).did. or (US-7242323-\$ or US-7547119-\$ or US-7184581-\$ or US-7688315-\$ or US-4758830-\$ or US-5680160-\$ or US-4740781-\$ or US-7361860-\$ or US-7671289-\$ or US-4233522-\$ or US-6922020-\$ or US-5455574-\$ or US-7479791-\$ or US-4952031-\$ or US-7079623-\$ or US-5952801-\$ or US-6690433-\$ or US-4736271-\$ or US-4707692-\$ or US-4054805-\$ or US-3833845-\$).did.				
S359	91	S358 and (prevent\$4 or protect\$4)	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:47
S360	89	S358 and (prevent\$4 or protect\$4) and capacit\$6	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:47
S361	50	S358 and (prevent\$4 or protect\$4) and capacit\$6 and diode\$1	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:47
S362	17	S358 and ((prevent\$4 or protect\$4) same diode\$4) and capacit\$5	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:48
S363	17	S358 and ((prevent\$4 or protect\$4) same diode\$4) and capacit\$5 and (prevent\$4 or protect\$4)	US-PGPUB; USPAT	OR	OFF	2011/10/05 14:50

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